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Lamina cribrosa and peripapillary sclera histomorphometry in normal and advanced glaucomatous Chinese eyes with various axial length

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#	Paper	IF	Citations
133	Current world literature. 2010 , 21, 155-67		
132	Intracranial pressure and glaucoma. 2010 , 21, 106-11		74
131	Central corneal thickness, lamina cribrosa and peripapillary scleral histomorphometry in non-glaucomatous Chinese eyes. 2010 , 248, 1579-85		21
130	Dimensions of the human sclera: Thickness measurement and regional changes with axial length. <i>Experimental Eye Research</i> , 2010 , 90, 277-84	3.7	151
129	Histomorphometry of the circular peripapillary arterial ring of Zinn-Haller in normal eyes and eyes with secondary angle-closure glaucoma. 2010 , 88, e317-22		31
128	Visualization of the lamina cribrosa using enhanced depth imaging spectral-domain optical coherence tomography. <i>American Journal of Ophthalmology</i> , 2011 , 152, 87-95.e1	4.9	161
127	Histology of the parapapillary region in high myopia. <i>American Journal of Ophthalmology</i> , 2011 , 152, 1021-9	4.9	102
126	Glaucomatous cupping of the lamina cribrosa: a review of the evidence for active progressive remodeling as a mechanism. <i>Experimental Eye Research</i> , 2011 , 93, 133-40	3.7	161
125	A biomechanical paradigm for axonal insult within the optic nerve head in aging and glaucoma. <i>Experimental Eye Research</i> , 2011 , 93, 120-32	3.7	279
124	Finite element modeling of the human sclera: influence on optic nerve head biomechanics and connections with glaucoma. <i>Experimental Eye Research</i> , 2011 , 93, 4-12	3.7	122
123	Role of cerebrospinal fluid pressure in the pathogenesis of glaucoma. 2011 , 89, 505-14		56
122	Thickness of the lamina cribrosa and peripapillary sclera in Rhesus monkeys with nonglaucomatous or glaucomatous optic neuropathy. 2011 , 89, e423-7		12
121	Deformation of the early glaucomatous monkey optic nerve head connective tissue after acute IOP elevation in 3-D histomorphometric reconstructions. 2011 , 52, 345-63		107
120	Imaging retrobulbar subarachnoid space around optic nerve by swept-source optical coherence tomography in eyes with pathologic myopia. 2011 , 52, 9644-50		77
119	Spectral-domain optical coherence tomography enhanced depth imaging of the normal and glaucomatous nonhuman primate optic nerve head. 2012 , 53, 394-405		37
118	Horizontal central ridge of the lamina cribrosa and regional differences in laminar insertion in healthy subjects. 2012 , 53, 1610-6		66
117	Three-dimensional evaluation of the lamina cribrosa using spectral-domain optical coherence tomography in glaucoma. 2012 , 53, 198-204		50

116	Improved reproducibility in measuring the lamina thickness on enhanced depth imaging SD-OCT images using maximum intensity projection. 2012 , 53, 7576-82		25
115	Enhanced depth imaging optical coherence tomography of deep optic nerve complex structures in glaucoma. 2012 , 119, 3-9		166
114	Enhanced depth imaging detects lamina cribrosa thickness differences in normal tension glaucoma and primary open-angle glaucoma. 2012 , 119, 10-20		227
113	Acquired optic nerve and peripapillary pits in pathologic myopia. 2012 , 119, 1685-92		100
112	Evaluation of the choroidal thickness using high-penetration optical coherence tomography with long wavelength in highly myopic normal-tension glaucoma. <i>American Journal of Ophthalmology</i> , 2012 , 153, 10-6.e1	4-9	88
111	The translaminar pressure gradient in sustained zero gravity, idiopathic intracranial hypertension, and glaucoma. 2012 , 79, 719-24		60
110	Lamina cribrosa thickness correlated with peripapillary sclera thickness. 2012 , 90, e248-50		16
109	Lamina Cribrosa Thickening in Early Glaucoma Predicted by a Microstructure Motivated Growth and Remodeling Approach. 2012 , 44, 99-109		81
108	Perspectives on biomechanical growth and remodeling mechanisms in glaucoma(). 2012 , 42, 92-106		54
107	Lamina cribrosa thickness is not correlated with central corneal thickness or axial length in healthy eyes: central corneal thickness, axial length, and lamina cribrosa thickness. 2013 , 251, 847-54		34
106	Scleral anisotropy and its effects on the mechanical response of the optic nerve head. 2013 , 12, 941-63		94
105	Diagnostic capability of lamina cribrosa thickness by enhanced depth imaging and factors affecting thickness in patients with glaucoma. 2013 , 120, 745-52		71
104	Low cerebrospinal fluid pressure in the pathogenesis of primary open-angle glaucoma: epiphenomenon or causal relationship? The Beijing Intracranial and Intraocular Pressure (iCOP) study. 2013 , 22 Suppl 5, S11-2		12
103	In vivo evaluation of lamina cribrosa deformation in glaucoma. 2013 , 22 Suppl 5, S29-31		10
102	Studies of scleral biomechanical behavior related to susceptibility for retinal ganglion cell loss in experimental mouse glaucoma. 2013 , 54, 1767-80		78
101	Factors associated with focal lamina cribrosa defects in glaucoma. 2013 , 54, 8401-7		72
100	A forward incremental prestressing method with application to inverse parameter estimations and eye-specific simulations of posterior scleral shells. 2013 , 16, 768-80		28
99	Age-Related Changes in the Thickness of the Lamina Cribrosa Measured by Spectral Domain OCT. 2013 , 54, 1261		4

98	Eye-specific IOP-induced displacements and deformations of human lamina cribrosa. 2014 , 55, 1-15		93
97	Alterations in the neural and connective tissue components of glaucomatous cupping after glaucoma surgery using swept-source optical coherence tomography. 2014 , 55, 477-84		35
96	Effect of elevated intraocular pressure on the thickness changes of cat lamina and prelaminar tissue using optical coherence tomography. 2014 , 24, 2349-60		6
95	Intraocular pressure, blood pressure, and retinal blood flow autoregulation: a mathematical model to clarify their relationship and clinical relevance. 2014 , 55, 4105-18		84
94	Optic nerve head and peripapillary morphometrics in myopic glaucoma. 2014 , 55, 4378-93		26
93	Correlation between central corneal thickness and myopia in Taiwan. 2014 , 30, 20-4		7
92	Measurement of scleral thickness using swept-source optical coherence tomography in patients with open-angle glaucoma and myopia. <i>American Journal of Ophthalmology</i> , 2014 , 157, 876-84	4.9	39
91	Pathologic Myopia. 2014 ,		30
90	Application of Elliptic Fourier analysis to describe the lamina cribrosa shape with age and intraocular pressure. <i>Experimental Eye Research</i> , 2014 , 128, 1-7	3.7	5
89	Structural characteristics of the acquired optic disc pit and the rate of progressive retinal nerve fiber layer thinning in primary open-angle glaucoma. 2015 , 133, 1151-8		20
88	Lamina Cribrosa Thickness in the Fellow Eyes of Patients with Unilateral Retinal Vein Occlusion. 2015 , 56, 1736		
87	Axial Length Correlation to Lamina Cribrosa Thickness, Prelaminar Tissue Thickness, and Anterior Lamina Displacement. 2015 , 56, 745		
86	Cerebrospinal fluid pressure in the pathogenesis of glaucoma. 2015 , 221, 33-47		30
85	Glaucoma-related Changes in the Mechanical Properties and Collagen Micro-architecture of the Human Sclera. <i>PLoS ONE</i> , 2015 , 10, e0131396	3.7	60
84	Effects of age and diabetes on scleral stiffness. 2015 , 137,		25
83	Comparison of lamina cribrosa thickness in normal tension glaucoma patients with unilateral visual field defect. <i>American Journal of Ophthalmology</i> , 2015 , 159, 512-8.e1	4.9	31
82	Facts and myths of cerebrospinal fluid pressure for the physiology of the eye. <i>Progress in Retinal and Eye Research</i> , 2015 , 46, 67-83	20.5	83
81	Rat optic nerve head anatomy within 3D histomorphometric reconstructions of normal control eyes. <i>Experimental Eye Research</i> , 2015 , 139, 1-12	3.7	22

80	Collagen structure and mechanical properties of the human sclera: analysis for the effects of age. 2015 , 137, 041006	67
79	Enhanced Depth Imaging of Central Lamina Thickness in Optic Neuropathy: Comparison with Normal Eyes. 2015 , 39, 166-174	2
78	Influence of translaminar pressure dynamics on the position of the anterior lamina cribrosa surface. 2015 , 56, 2833-41	24
77	Association between retinal vein occlusion, axial length and vitreous chamber depth measured by optical low coherence reflectometry. 2015 , 15, 45	6
76	Correlation between optic nerve head parameters, RNFL, and CCT in patients with bilateral pseudoexfoliation using HRT-III. 2015 , 30, 44-52	9
75	Displacement of the Lamina Cribrosa in Response to Acute Intraocular Pressure Elevation in Normal Individuals of African and European Descent. 2016 , 57, 3331-9	43
74	In Vivo Evaluation of the Biomechanical Properties of Optic Nerve and Peripapillary Structures by Ultrasonic Shear Wave Elastography in Glaucoma. 2016 , 13, e36849	18
73	An examination of the relation between intraocular pressure, fundal stretching and myopic pathology. 2016 , 99, 113-9	19
72	The interaction between intracranial pressure, intraocular pressure and lamina cribrosal compression in glaucoma. 2016 , 99, 219-26	16
71	Cerebrospinal Fluid Pressure and Glaucoma. 2016 , 4, 180-186	
70	Lamina cribrosa thickness correlated with posterior scleral thickness and axial length in monkeys. 2016 , 94, e693-e696	8
69	Scleral and choroidal volume in relation to axial length in infants with retinoblastoma versus adults with malignant melanomas or end-stage glaucoma. 2016 , 254, 1779-86	20
68	Association between the CDKN2B-AS1 Gene and Primary Open Angle Glaucoma with High Myopia in Japanese Patients. 2016 , 37, 242-4	3
67	[Secondary diseases in high myopia]. 2017 , 114, 30-43	8
66	Measurement of lamina and prelaminar thicknesses of both eyes in patients with unilateral branch retinal vein occlusion. 2017 , 255, 503-508	8
65	Optic nerve compression: the role of the lamina cribrosa and translaminar pressure. <i>International Journal of Ophthalmology</i> , 2017 , 10, 1883-1888	1.4 1
64	Glaucoma in high myopia and parapapillary delta zone. <i>PLoS ONE</i> , 2017 , 12, e0175120	3.7 32
63	Intracranial and Intraocular Pressure at the Lamina Cribrosa: Gradient Effects. 2018 , 18, 25	19

62	PARAPAPILLARY GAMMA AND DELTA ZONES IN HIGH MYOPIA. 2018 , 38, 931-938	20
61	Lamina cribrosa thickness in children with hyperopic anisometropic amblyopia. <i>International Journal of Ophthalmology</i> , 2018 , 11, 1663-1667	1.4 1
60	The distribution of retinal nerve fiber layer thickness and associations with age, refraction, and axial length: the Gutenberg health study. 2018 , 256, 1685-1693	14
59	Non-Contact Intraocular Pressure Measurement Method using Relation between Deformed Cornea and Reflected Pneumatic Pressure. 2018 , 19, 737-744	2
58	Variation of Peripapillary Scleral Shape With Age. 2019 , 60, 3275-3282	10
57	Evaluation of lamina cribrosa thickness in patients diagnosed with central retinal vein occlusion. 2019 , 257, 2087-2093	3
56	Development of Optic Disc Torsion in Children. 2019 , 33, 173-180	3
55	Glaucoma in myopia: diagnostic dilemmas. 2019 , 103, 1347-1355	37
54	Facts and Myths of Cerebrospinal Fluid Pressure for the Physiology of the Eye. 2019 , 73-93	
53	A finite element study of posterior eye biomechanics: The influence of intraocular and cerebrospinal pressure on the optic nerve head, peripapillary region, subarachnoid space and meninges. 2019 , 15, 100185	0
52	Optic nerve head damage relation to intracranial pressure and corneal properties of eye in glaucoma risk assessment. 2019 , 57, 1591-1603	2
51	Myopic optic disc changes and its role in glaucoma. 2019 , 30, 89-96	18
50	Comparison of the Lamina Cribrosa Measurements Obtained by Spectral-Domain and Swept-Source Optical Coherence Tomography. 2019 , 44, 968-974	4
49	Anatomy and Physiology of optic nerve head. 2019 , 47-53	
48	Intraocular and Intracranial Pressure Gradient in Glaucoma. 2019 ,	2
47	Biophysical Properties in Glaucoma. 2019 ,	
46	Anatomy of the Human Optic Nerve: Structure and Function. 2019 ,	3
45	Investigation of the Optic Nerve Head Morphology Influence to the Optic Nerve Head Biomechanics - Patient Specific Model. 2019 , 2019, 5370-5373	1

44	Investigation of the Optic Nerve Head Morphology Influence to the Optic Nerve Head Biomechanics - Population Specific Model. 2019 , 2019, 5374-5377		0
43	Distribution of scleral thickness and associated factors in 810 Chinese children and adolescents: a swept-source optical coherence tomography study. 2019 , 97, e410-e418		17
42	Quantification of collagen fiber structure using second harmonic generation imaging and two-dimensional discrete Fourier transform analysis: Application to the human optic nerve head. 2019 , 12, e201800376		16
41	Relationship between lamina cribrosa curvature and the microvasculature in treatment-naïve eyes. 2020 , 104, 398-403		2
40	Mechanism study of trans-lamina cribrosa pressure difference correlated to optic neuropathy in individuals with glaucoma. 2020 , 63, 148-151		1
39	Optic nerve head anatomy in myopia and glaucoma, including parapapillary zones alpha, beta, gamma and delta: Histology and clinical features. <i>Progress in Retinal and Eye Research</i> , 2021 , 83, 100933	20.5	15
38	Thinner retinal nerve fibre layer in healthy myopic eyes with thinner central corneal thickness. 2020 , 258, 2477-2481		3
37	Glaucoma neurodegeneration and myopia. 2020 , 257, 1-17		0
36	Anterior Scleral Thickness in Myopic Eyes and Its Association with Ocular Parameters. 2021 , 64, 567-576		2
35	Advances in myopia research anatomical findings in highly myopic eyes. 2020 , 7, 45		13
34	High Myopia and Glaucoma-Like Optic Neuropathy. 2020 , 9, 234-238		11
33	Lamina Cribrosa Moves Anteriorly After Trabeculectomy in Myopic Eyes. 2020 , 61, 36		2
32	The optic nerve head, lamina cribrosa, and nerve fiber layer in non-myopic and myopic children. <i>Experimental Eye Research</i> , 2020 , 195, 108041	3.7	6
31	Glaucoma in Myopia. 2021 , 357-366		
30	Comparative Study of Lamina Cribrosa Thickness Between Primary Angle-Closure and Primary Open-Angle Glaucoma. <i>Clinical Ophthalmology</i> , 2021 , 15, 697-705	2.5	
29	Updates on Genes and Genetic Mechanisms Implicated in Primary Angle-Closure Glaucoma. <i>The Application of Clinical Genetics</i> , 2021 , 14, 89-112	3.1	5
28	IMI Pathologic Myopia. 2021 , 62, 5		22
27	Rates of Retinal Nerve Fiber Layer Thinning in Distinct Glaucomatous Optic Disc Phenotypes in Early Glaucoma. <i>American Journal of Ophthalmology</i> , 2021 , 229, 8-17	4.9	

26	Retinal applications of swept source optical coherence tomography (OCT) and optical coherence tomography angiography (OCTA). <i>Progress in Retinal and Eye Research</i> , 2021 , 84, 100951	20.5	18
25	Scleral thickness in human eyes. <i>PLoS ONE</i> , 2012 , 7, e29692	3.7	151
24	Depth-dependent changes in collagen organization in the human peripapillary sclera. <i>PLoS ONE</i> , 2015 , 10, e0118648	3.7	29
23	Effect of intraocular pressure on the hemodynamics of the central retinal artery: a mathematical model. <i>Mathematical Biosciences and Engineering</i> , 2014 , 11, 523-46	2.1	35
22	Degree of Myopia and Glaucoma Risk: A Dose-Response Meta-Analysis. <i>American Journal of Ophthalmology</i> , 2021 ,	4.9	5
21	Optic Disc. 2011 , 131-143		
20	Glaucoma in Myopia. 2014 , 283-292		
19	Enhanced depth OCT imaging of the lamina cribrosa for 24 hours. <i>International Journal of Ophthalmology</i> , 2017 , 10, 306-309	1.4	1
18	Lamina Cribrosa. 2019 , 27-30		
17	Correlation between Anterior and Posterior Segment Parameters in Normal Eye. <i>Journal of the Korean Glaucoma Society</i> , 2019 , 8, 1	0.2	
16	Refractive Error and Eye Health: An Umbrella Review of Meta-Analyses. <i>Frontiers in Medicine</i> , 2021 , 8, 759767	4.9	1
15	Cerebrospinal fluid pressure and glaucoma. <i>Journal of Ophthalmic and Vision Research</i> , 2013 , 8, 257-63	1.2	15
14	A comprehensive enhanced depth imaging spectral-domain optical coherence tomography analysis of pseudoexfoliation spectrum from non-glaucomatous to advanced stage glaucoma in the aspect of Bruch's membrane opening-minimum rim width.. <i>International Ophthalmology</i> , 2022 , 1	2.2	
13	Historical aspects and current views of the etiopathogenesis and clinical manifestations of optic nerve pits. <i>Rossiiskii Oftalmologicheskii Zhurnal</i> , 2022 , 14, 158-163	0.3	
12	Assessing Surface Shapes of the Optic Nerve Head and Peripapillary Retinal Nerve Fiber Layer in Glaucoma with Artificial Intelligence. <i>Ophthalmology Science</i> , 2022 , 100161		0
11	Asian Race and Primary Open-Angle Glaucoma: Where Do We Stand?. <i>Journal of Clinical Medicine</i> , 2022 , 11,	5.1	0
10	Analysis of Peripapillary Intrachoroidal Cavitation and Myopic Peripapillary Distortions in Polar Regions by Optical Coherence Tomography. Volume 16, 2617-2629		1
9	Parapapillary gamma zone associated with increased peripapillary scleral bowing: the Beijing Eye Study 2011. <i>bjophthalmol-2022-321868</i>		0

- 8 Elevated pulse pressure correlated with reduced retinal peripapillary capillary in thyroid-associated ophthalmology with visual field defect. 13,
- 7 New findings in early-stage keratoconus: lamina cribrosa curvature, retinal nerve fiber layer thickness and vascular perfusion. **2022**,
- 6 Usability of Real-Time Elastography for the Diagnosis of Primary Open Angle and Pseudoexfoliation Glaucoma.
- 5 Association between Optic Nerve Sheath Diameter and Lamina Cribrosa Morphology in Normal-Tension Glaucoma. **2023**, 12, 360
- 4 Myopia: Histology, clinical features, and potential implications for the etiology of axial elongation. **2022**, 101156
- 3 Anatomic Peculiarities Associated with Axial Elongation of the Myopic Eye. **2023**, 12, 1317
- 2 Multicolor imaging compared with red-free fundus photography in the detection of glaucomatous retinal nerve fiber layer thinning. **2023**, 42, 103352
- 1 Glaucoma and Myopia: Diagnostic Challenges. **2023**, 13, 562